

AE  AF  AG  AG  AH  AI  AJ  AN  AN  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  TRANSLATION  NO  LCM  AO  JP 59-120159  07-11-84  Japan (with English Abstract attached)  X  AP  AQ  AR  AS  AT  AU  AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW  AX  AY  AZ	Form PTO 1449 (Modified)		U.S. DEPARTMENT OF ( PATENT AND TRADEM	COMMERCE ARK OFFICE	ATTY DOCKET NO. 0010-1054	1-0	SERIAL NO	97436,766	
U.S. PATENT DOCUMENTS  EXAMINER NUMBER DATE NAME CLASS SUB FILING DATE IF APPROPRIATE  AA A C C C C C C C C C C C C C C C C C	LIST OF	REFEF	RENCES CITED BY APPLI	CANT	Masaru ISHIHARA et a 🔍 🗼				
EXAMINER NUMBER DATE NAME CLASS SUB FILING DATE PAPPROPRIATE  AA AB A							GROUP OUT 0 9 2001		
EXAMINER NUMBER DATE NAME CLASS SUB FILING DATE PAPPROPRIATE  AA AB A					U.S. PATENT DOCUMENTS		CATE	WT & TRADE	
AB				DATE	NAME	CLASS	SUB	FILING DATE	
AC		AA							
AD  AE  AF  AG  AG  AH  AI  AI  AI  AN  AN  AN  BOCUMENT  NUMBER  DATE  COUNTRY  FOREIGN PATENT DOCUMENTS  COUNTRY  TRANSLATION  NO  LCM  AO  JP 59-120159  07-11-84  Japan (with English Abstract attached)  X  AR  AG  AAV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW  AZ  Examiner  AZ  Date Considered  4-10-02		AB							=
AE  AF  AG  AG  AH  AI  AI  AJ  AN  AN  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  COUNTRY  TRANSLATION  NO  LCM  AO  JP 59-120159  07-11-84 Japan (with English Abstract attached)  X  AP  AQ  AR  AR  AS  AT  AU  AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW  AX  AY  AZ  Examiner  Laminer  AG  Date Considered  AF  AG  Date Considered  AF  AG  Date Considered  AF  AG  Date Considered  AF  AC  AC  Date Considered  AF  AC  Date Considered  AF  AC  Date Considered  AF  AC  AC  Date Considered  AF  AC  AC  AC  DATE		AC						오 :	Ĥ
AG		AD						_ 유 중_	
AG									Ì
AJ		AF							-
AJ					·			<u> </u>	10
AJ									-
AK								<b>§</b>	
AL					<u> </u>				$\dashv$
AM							<u> </u>		
AN									긕
DOCUMENT   DATE   COUNTRY   TRANSLATION   NO	-								ᅴ
DOCUMENT NUMBER   DATE   COUNTRY   TRANSLATION YES   NO		AN				<u> </u>	<u>l                                     </u>		$\dashv$
NUMBER				FO	REIGN PATENT DOCUMENT	s			
AP AQ AQ AR AR AS AT AU AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW AX AY  Date Considered 4-10-02				DATE	COUNTRY				
AQ AR AS AS AT AU AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW AX AY AZ  Examiner  Light Market A	LCM	AO	JP 59-120159	07-11-84	Japan (with English Abstract	attached)	1	Х	
AR AS AT AU AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW AX AY AZ  Examiner Lightham Date Considered 4-10-02		AP							
AS AT AU AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW  AX  AY  AZ  Examiner Light Market Light Marke		AQ							
AT AU AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW  AX  AY  AZ  Examiner Light Mark Date Considered 4-10-02		AR							
AU  AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW  AX  AY  AZ  Examiner Light A  Date Considered 4-10-02									
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW  AX  AY  AZ  Examiner Laigh March 10-02									
AX  AY  AZ  Examiner Light Mark Date Considered 4-10-02									
AX  AY  AZ  Examiner Light M  Date Considered 4-10-02		AV					<u> </u>		$\dashv$
AX  AY  AZ  Examiner Light A  Date Considered 4-10-02			OTHER REFE	RENCES (	Including Author, Title, Date,	Pertinent Pages, e	etc.)		$\dashv$
AY  AZ  Examiner Light A Date Considered 4-10-02		AW							
AZ  Examiner Leigh M  Date Considered 4-10-02		AX							
Examiner Leigh Min Date Considered 4-10-02		AY							
		AZ							
	Examiner	Lii	zh Mi			Date Cor	sidered 4	-10-02	

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.